SERVICE MANUAL

INTEGRATED AMPLIFIER

SANSUI AU-G77X



CAUTION

- Parts identified by the ∆ symbol on the schematic diagram and the parts list are critical for safety. Use only replacement parts that have critical characteristics recommended by the manufacturer.
- Make leakage-current or resistance measurements to determine that exposed parts are acceptably insulated from the supply circuit before returning the appliance to the customer.



SANSUI ELECTRIC CO., LTD.

SPECIFICATIONS

Power output	different from 20 to 20 000 Uty with
no more than 0.003% to	driven, from 20 to 20,000 Hz, wit
no more than 0.003% to	ital narmonic distortion.
110 watts per channe	ei into a onms.
Load impedance	
Total harmonic distortion	in
	less than 0.003% at or below
Intermodulation distorti	rated min. RMS power outpu
(60 Hz: 7 kHz=4:1 SMF	
(60 HZ: 7 KHZ=4:1 Sivir	less than 0.003% at rated
	power output
Frequency response (at	DC to 200,000 Hz, +0 dB
Overali (ilolii ACX)	-3.0 dB
PIAA curve deviation (DISC-MM, 20 Hz to 20 kHz)
	T0 2 4B T0 2 4B
Input sensitivity and im	oedance (at 1 kHz)
DISC-MC	120 vV/10 ohms
DISC-MM	2.5 mV/47 kohms
(Max. input capal	oility; 200 mV at 1 kHz, less tha
0.01% total harm	onic distortion)
DISC-CD	150 mV/47 kohms
AUX, TUNER, TAPE	PLAY-1, 2
*******************	150 mV/47 kohms
Output level (1,000 Hz)	
TAPE REC-1, 2	150 mV into 47 kohms
Signal to noise ratio (sh	ort-circuit, A-network)
DISC-MC	80 dB
DISC-MM	85 dB
AUX, TUNER, TAPE	PLAY-1, 2
	105 dB
Controls	
SUPER BASS	±10 dB at 100 Hz
BASS	±10 dB at 330 Hz
MID	, ± 10 QB at 1 Kmz
MID, HIGH	±10 dB at 3.3 kHz ±10 dB at 10 kHz
Filter	± 10 db at 10 kmz
	2 dB at 16 Uz (6 dBloct)
Elektronium	—3 dB at 16 Hz (6 dB/oct) —3 dB at 20 kHz (6 dB/oct)
LOUDNESS	5 00 at 20 km2 to 05/000
	+6 dB at 10 kHz
	(VOLUME: —30 dB position)
Power requirements	
	120/220/240 M (FO/CO No)

* Design and specifications subject to changes without notice for improvements.

Power voltage...... 120/220/240 V (50/60 Hz)

560 wats Maximum . 430 mm (16-15/16") W 145 mm (5-3/4") H 333 mm (13-1/8") D

13.0 kg (28.7 lbs) packed

For U.S.A. & Canada

provements.
* Due to local laws and regulations, this unit sold in some areas are not equipped with variable voltage selectors.

CAUTION

1. The symbols, UL, CSA, SA, BS, UK, EU, AS and XX (EXPORT) on the parts list and the schematic diagram mean followings respectively.

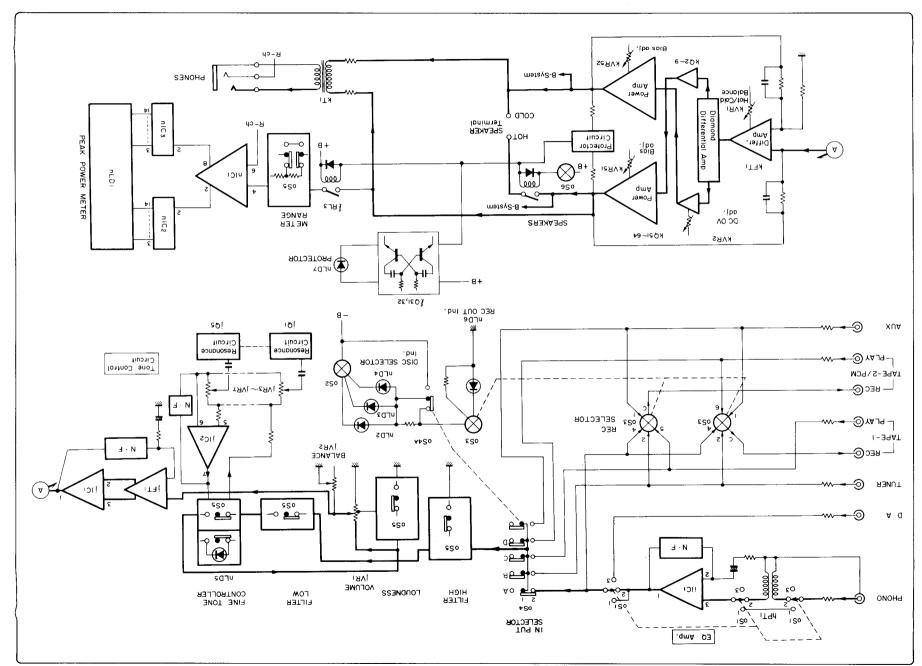
UL M	anufactured for U.S.A market.
(L	Inderwriters Laboratories approved model.)
CSA M	anufactured for Canadian market.
SA M	anufactured for South African market.
BS, UK M	anufactured for United Kingdom market.
EU M	anufactured for European market.
AS M	anufactured for Australian market.
XX (EXPORT) St	andard Version.
NON MARK C	ommon Parts.

- Some printed circuit boards are not supplied as the assembled. To separate these in this service manual, the stock No's are not indicated at the ends of the board names. However, the individual parts on the circuit boards are provided by orders.
- 3. Since some of capacitors and resistors are omitted from parts lists in this service manual, refer to the Common Parts List for capacitors & resistors, which was issued on February 1983.
- 4. Abbreviations in this service manual are as follows.

C.R.	: Carbon Resistor	E.B.L. : Low Leak Bi-Polar
S.R.	: Solid Resistor	Electrolytic Capacitor
Ce.R.	: Cement Resistor	Ta.C. : Tantalum Capacitor
M.R.	: Metal Film Resistor	F.C. Film Capacitor
F.R.	: Fusing Resistor	M.P. : Metalized Paper Capaci
N.I.R.	: Non-Inflammable Resistor	P.C. : Polystyrene Capacitor
A.R.	: Array Resistor	G.C. : Gimmic Capacitor
C.C.	: Ceramic Capacitor	A.C. : Array Capacitor
C.T.	: Ceramic Capacitor,	V.R. : Variable Resistor
	Temperature Compensation	S.V.R. : Semi Variable Resistor
E.C.	: Electrolytic Capacitor	SW. : Switch
E.L.	: Low Leak Electrolytic	Chip R.: Chip Resistor
	Capacitor	Chip C.: Chip Capacitor
E.B.	: Bi-Polar Electrolytic	•
	Capacitor	

1

BLOCK DIAGRAM



2. ADJUSTMENTS (See Top View on page 8)

2-1. Driver Circuit Adjustment

- Note: 1) Master Volume Minimum
 2) Room Temperature ... 18°C~28°C (65°F~83°F)
 - 3) Before turning ON power switch, set kVR1 on F-4264 and F-4265 to center position.
 - Before turning ON power switch, set kVR51 and kVR52 on F-4295 fully counterclockwise.
- 5) For adjustment, run the unit for more than 20 minutes after the power is switched on.
- 6) This bias current adjustment converts current value into voltage by ohms law.

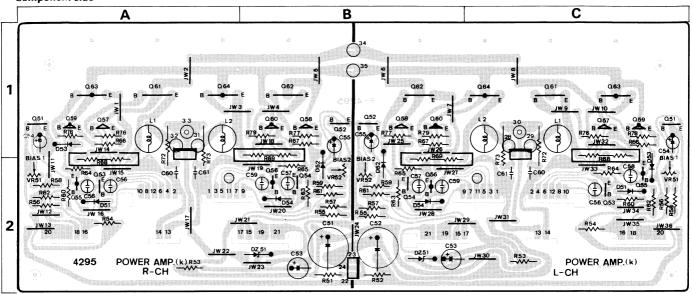
STEP	SUBJECT	MEASURE OUTPUT	ADJUST	ADJUST FOR
1.	Hot/Cold Balance Adj. L-CH	Speaker Terminal (L-ch)	kVR1, L-ch (F-4264)	DC 0V±5mV
2.	Hot/Cold Balance Adj. R-CH	Speaker Terminal (R-ch)	kVR1, R-ch (F-4265)	DC 0V±5mV
3.	DC 0V Adj. L-CH	Between hot side speaker terminal & earth.	kVR2, L-ch (F-4264)	DC 0V±5mV
4.	DC 0V Adj. R-CH	Between hot side speaker terminal & earth.	kVR2, R-ch (F-4265)	DC 0V±5mV
5.	Bias Current Adj. L-CH (HOT Side Amp.)	Between emitters of power transistors (kQ61 & kQ63) (Across kR68)	kVR51, L-ch (F-4295)	DC 30mV±3mV
	Bias Current Adj. L-CH (COLD Side Amp.)	Between emitters of power transistors (kQ62 & kQ64) (Across kR69)	kVR52, L-ch (F-4295)	DC 30mV±3mV
6.	Bias Current Adj. R-CH (HOT Side Amp.) Between emitters of power transistors (kQ61 & kQ63) (Across kR68)		kVR51, R-ch (F-4295)	DC 30mV ± 3mV
	Bias Current Adj. R-CH (COLD Side Amp.)	Between emitters or power transistors (kQ62 & kQ64) (Across kR69)	kVR52, R-ch (F-4295)	DC 30mV±3mV

Note: Repeat procedures as stated in subject in step $1 \sim 4$.

3. PARTS LOCATION & PARTS LIST

3-1. F-4295 Power Amp. Circuit Board (Stock No. 00767801)

Component Side



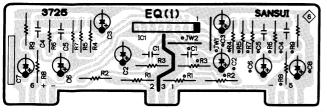
Parts List

Parts No.	Stock No.	Description	
•Transistor			
kQ51	03067401	2SC1845	
kQ52	03067401	2SC1845	
kQ53	07208701	2SC2705	
kQ54	07208701	2SC2705	
kQ55	07208801	2SA1145	
kQ56	07208801	2SA1145	
kQ57	46728901	2SC3298	
∆ kQ58	46728901	2SC3298	
kQ59	46728801	2SA1306	
kQ60	46728801	2SA1306	
	46729701	2SC3284	
∆ kQ62	46729701	2SC3284	
∆ kQ63	46729601	2SA1303	
∆ kQ64	46729601	2SA1303	
• Diode			
kD51	46727900	1S2091	
kD52	46727900	1S2091	
kD53	46727900	1S2091	
kD54	46727900	1S2091	

Parts No.	Stock No.	Description
•Zener Diod kDZ51	le 03171500	RD22FB
⚠ kR51 ⚠ kR52 ⚠ kR63 ⚠ kR64 ⚠ kR65 ⚠ kR66 ⚠ kR66 ⚠ kR67 ⚠ kR68 ⚠ kR69	46228600 46228600 46230100 46229800 46229100 46229100 46644900 46644900	47Ω 1/2W N.I.R. 47Ω 1/2W N.I.R. 820Ω 1/2W N.I.R. 470Ω 1/2W N.I.R. 470Ω 1/2W N.I.R. 120Ω 1/2W N.I.R. 120Ω 1/2W N.I.R. 0.33Ω×2 5W Ce.R. 0.33Ω×2 5W Ce.R.
kC60 kC61	46281300 46281300	0.047μF 50V F.C. 0.047μF 50V F.C.
kL1 kL2	46851900 or 46851901 46851900 or 46851901	Inductor Inductor Inductor Inductor
kVR51 kVR52	46738400 46738400	1k Ω S.V.R., Bias adj. 1k Ω S.V.R., Bias adj.

3-2. F-3725 EQ Amp. Circuit Board (Stock No. 00695501)

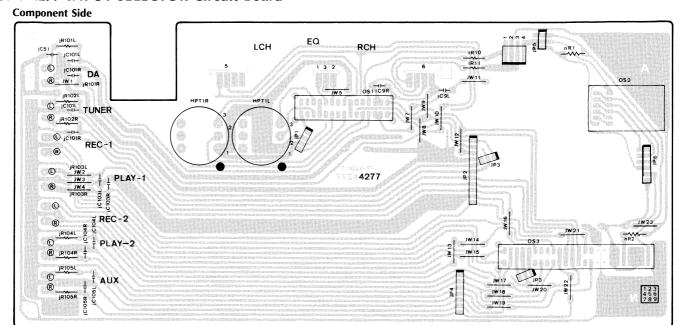
Component Side



Parts List

Parts No.	Stock No.	Description	
•IC iIC1	46078900	M5218L	

3-3. F-4277 INPUT SELECTOR Circuit Board

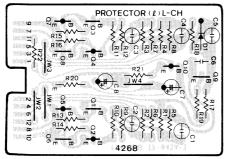


Parts List

Parts No.	Stock No.	Description	
hPT1	46939400	MC Head Transformer	
•Zener Dioc	de		
nD222	46103000	05Z10-X	
	or 46103000	05Z10-Y	
	or 46804400	RD10E-B2	
	or 46804500	RD10E-B3	
Δ iR10	46229000	100 Ω 1/2W N.I.R.	
⚠ iR11	46229000	100 Ω 1/2W N.I.R.	

Parts No.	Stock No.	Description
⚠ nR1 ⚠ nR2 ⚠ nR3	08924200 08924100 03924100	1.2kΩ 1/2W N.I.R. 1kΩ 1/2W N.I.R. 1kΩ 1/2W N.I.R.
oS1 oS2 oS3	46731600 46731700 46730500	Slide SW., DISC SELECTOR Rotary SW., DISC SELECTOR Ind. Slide Rotary SW., REC SELECTOR
	46438100	2P Terminal Board, TAPE-1, TUNER, DISC
	46363900	6P Terminal Board, TA PE-2/PCM, AUX

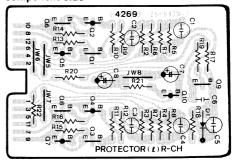
3-4. F-4268 Protector (L-ch) Circuit Board Component Side (Stock No. 00766001)



Parts List

Parts No.	Stock No.	Description	
 Transistor 			
IQ1	46367101	2SC2603	
IQ2	46367001	2SA1115	
IQ5	46367001	2SA1115	
106	46367101	2SC2603	
IQ9	46367101	2SC2603	
IQ10	46367001	2SA1115	
Diode			
ID1	03117600	1S2473T77	
	or 46086000	1S1588TP-3	
IC6	46283300	0.022μF 50V F.C.	

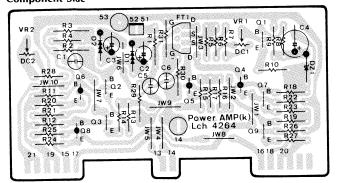
3-5. F-4269 Protector (R-ch) Circuit Board Component Side (Stock No. 00766101)



Parts List

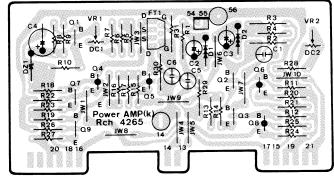
. a. to List			
Parts No.	Stock No.	Description	
Transistor			
IQ1	46367101	2SC2603	
IQ2	46367001	2SA1115	
IQ5	46367001	2SA1115	
IQ6	46367101	2SC2603	
IQ9	46367101	2SC2603	
IQ10	46367001	2SA1115	
• Diode			
ID1	03117600	1S2473T77	
	or 46086000	1S1588TP-3	
IC6	46283300	0.022μF 50V F.C.	

3-6. F-4264 Driver Amp. (L-ch) Circuit Board (Stock No. 00765801) Component Side



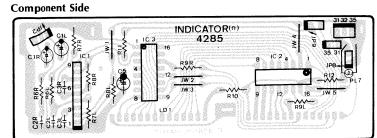
Parts No.	Stock No.	Description
• Transistor		
kQ1	46581701	2SC1845
kQ2	46581701	2SC1845
kQ3	46581701	2SC1845
kQ4	46581601	2SA992
kQ5	46581601	2SA992
kQ6	46728201	2SA1145
kQ7	46728301	2SC2705
kQ8	46728201	2SA1145
kQ9	46728301	2SC2705
•FET		
kFT1	46723601	2SK389-BL
Ki i i	or 46723602	2SK389-V
	31 137 2333	
Varistor		
kD1	03401700	MV103
kD2	03401700	MV103
•Zener Diod	le	
kDZ1	03179000	RD13E-B
kVR1	46737800	100 Ω S.V.R.,
		Hot/Cold Balance adj.
kVR2	46737900	470 Ω S.V.R., DC 0V adj.

3-7. F-4265 Driver Amp. (R-ch) Circuit Board (Stock No. 00765901) **Component Side**



Parts List		
Parts No.	Stock No.	Description
•Transistor		
kQ1	46581701	2SC1845
kQ2	46581701	2SC1845
kQ3	46581701	2SC1845
kQ4	46581601	2SA992
kQ5	46581601	2SA992
kQ6	46728201	2SA1145
kQ7	46728301	2SC2705
kQ8	46728201	2SA1145
kQ9	46728301	2SC2705
•FET		
kFT1	46723601	2SK389-BL
	or 46723602	2SK389-V
Varistor		
kD1	03401700	MV103
kD2	03401700	MV103
ND2	00401700	W 100
•Zener Diode	е	
kDZ1	03179000	RD13E-B
kVR1	46737800	100 Ω S.V.R.,
		Hot/Cold Balance adj.
kVR2	46737900	470 Ω S.V.R., DC 0V adj.

3-8. F-4285 Peak Power Meter Circuit Board (Stock No. 00767001)

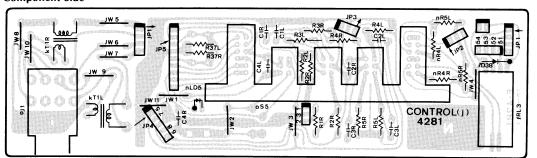


Parts No.	Stock No.	Description	
nIC1	03610000	TA7318P	
nIC2	46254700	HA12010	
nIC3	46254700	HA12010	
•Zener Diod	le		
nD1	46828700	RD18E	
	or 46828800	RD18E	
	or 46115000	05Z18	
	or 46115100	05Z18	

Parts No.	Stock No.	Description
nLD1	46705300	FL. Display Tube FG24SL6GR, PEAK POWER METER
∆ nR15	00180100	15 Ω 1W N.I.R.
⚠ nR16	00180100	15 Ω 1W N.I.R.

3-9. F-4281 Control Amp. Circuit Board (Stock No. 00766601)

Component Side

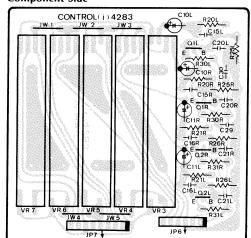


Parts List

Parts No.	Stock No.	Description
jC1	46282400	3300µF 50V F.C.
kT1	46841800	OUTPUT Transformer, PHONES
• Diode ID38	03117600 or 46086000	1S2473T77 1S1588TP-3
∆ kR82	46228400	33 Ω 1/2W N.I.R.
IRL3	11504300 or 11504301	Relay Relay (LA2A-24B)

Parts No.	Stock No.	Description
•LED		
nLD5	03193700	SEL1110S, FINE TONE CONTROLLER
oS5	46736900	Push SW., TONE, FILTERS, LOUDNESS, METER RANGE
oJ1	46078200	Jack, PHONES

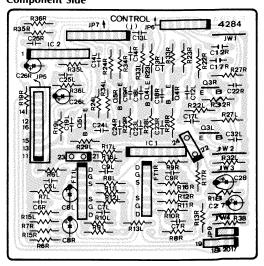
3-10. F-4283 Graphic EQ. Volume Circuit Board (Stock No. 00766801) **Component Side**



Parts List

Parts No.	Stock No.	Description
•Transistor jQ1 jQ2	46367101 46367101	2SC2603 2SC2603
jC15	46281400 or 46283800	0.056μF 50V F.C. 0.056μF 50V F.C.
jVR3 jVR4 jVR5 jVR6 jVR7	46736700 46736700 46736700 46736700 46736700	$50 k\Omega$ Slide V.R., SUPER BASS $50 k\Omega$ Slide V.R., BASS $50 k\Omega$ Slide V.R., MID. $50 k\Omega$ Slide V.R., MID. HIGH $50 k\Omega$ Slide V.R., TREBLE

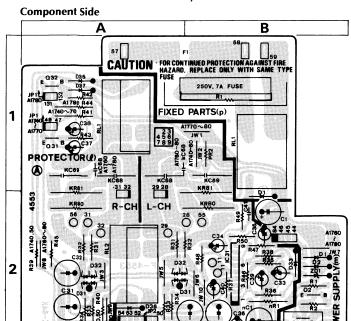
3-11. F-4284 Graphic EQ. Circuit Board Component Side (Stock No. 00766901) **Component Side**



Parts List

Parts No.	Stock No.	Description	
Transistor			
įQ3	46367101	2SC2603	
įQ4	46367101	2SC2603	
jQ5	46367101	2SC2603	
•FET			
jFT1	07110000	UPA68H-L	
•	or 07110001	UPA68H-M	
•IC			
jIC1	46579100	M5291L	
jlC2	46078900	M5218L	
∱ jR18	46228600	47 Ω 1/2W N.I.R.	
<u></u> ∱R38	46228600	47 Ω 1/2W N.I.R.	

3-12. F-4553 Protector Relay Circuit Board (Stock No. 00818501)



Parts List Parts No. Stock No. Description 00185500 00185500 **∆** kR80 10**Ω** 2W N.I.R. **⚠** kR81 10Ω 2W N.I.R. kC68 46281300 0.047μF 50V P.F. kC69 46281300 0.047μF 50V P.F. Transistor 07194801 2SC1815 IQ32 07194801 2SC1815 •IC IIC1 46207600 TA7317P Diode 46463900 MC921 ID31 ID32 46463700 MC911 ID33 03117700 10E-2 ID35 03117700 10E-2 ID36 03117700 10E-2 ID37 07176400 1S2473H or 03111800 1S1588 IC31 08460800 100μF 10V E.B. IC32 08460800 100μF 10V E.B.

1.8k**Ω** 1W N.I.R.

8P Terminal Board, SPEAKERS

Relay

00180800

46737700

46737700

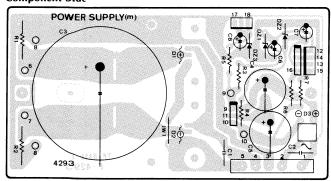
07203600

⚠ IR44

IRL1

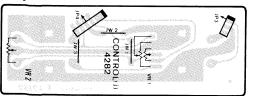
IRL2

3-13. F-4293 Power Supply Circuit Board **Component Side**



Parts List			
Parts No.	Stock No.	Description	
Diode			
∆ mD1	46731500	CTP21S	
₫ mD2	46731400	CTP21R	
∆ mD3	46273600	DBB10-B	

3-14. F-4282 Volume Circuit Board Component Side

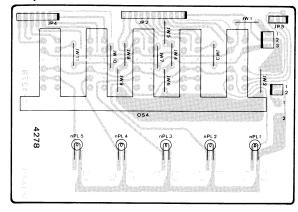


Stock No.	Description
46817300	RD16E
or 46817200	RD16E
46817300	RD16E
or 46817200	RD16E
46818700	RD24E
or 46818800	RD24E
08680400	0.01μF 500V C.C.
	0.01μF 500V C.C.
	25000μF 80V E.L.
10020100	20000μ1 00 ν Ε.Ε.
00184500	6.8k Ω 1W N.I.R.
00184500	6.8k Ω 1W N.I.R.
08923900	680Ω 1/2W N.I.R.
08923900	680Ω 1/2W N.I.R.
00186800	150 Ω 2W N.I.R.
08924100	1k Ω 1/2W N.I.R.
08924700	3.3k Ω 1/2W N.I.R.
	46817300 or 46817200 46817300 or 46817200 46818700 or 46818800 08680400 08680400 46925100 00184500 00184500 08923900 08923900 00186800 08924100

Parts List Parts No. Stock No. Description jVR1 46730800 150kΩ(B) V.R., VOLUME jVR2 46730900 250kΩ V.R., BALANCE

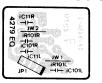
3-15. F-4278 INPUT SELECTOR SW. Board

Component Side



3-16. F-4279 DISC INPUT Terminal Board

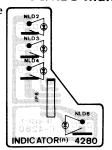
Component Side



Parts List	351	
Parts No.	Stock No.	Description
	46736500	2P Terminal Board, MM/MC

3-17. F-4280 DISC/REC Indicator LED Board

Component Side



Parts List			
Parts No.	Stock No.	Description	
•LED			
nLD2	07246200	SEL1710K, MM	
nLD3	07246200	SEL1710K, MC	
nLD4	07246200	SEL1710K, DA	
nLD6	03193700	SEL1110S, REC OUT	

3-18. F-4286 Power Indicator Circuit Board

Component Side



Parts List			
Parts No.	Stock No.	Description	
nPL6	46834500	Pilot Lamp 8V 0.05A	

Parts List

Parts No.	Stock No.	Description
nPL1 nPL2 nPL3 nPL4 nPL5	46730100 46730100 46730100 46730100 46730100	Pilot Lamp 8V 0.1A Pilot Lamp 8V 0.1A Pilot Lamp 8V 0.1A Pilot Lamp 8V 0.1A Pilot Lamp 8V 0.1A
oS4	46737000	Push SW., INPUT SELECTOR

3-19. F-4554 SPEAKERS SW. Board

Component Side

Parts List	<u></u>		
Parts No.	Stock No.	Description	
oS6	46730700	Rotary SW., SPEAKERS	

3-20. F-4555 Protector Indicator Board

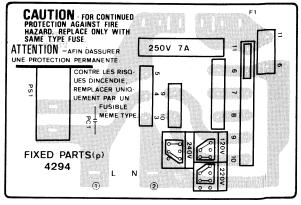
Component Side 4555 nLD1 16

Parts	List

arts List			
Parts No.	Stock No.	Description	
nLD7	03193700	LED, SEL1110S	

3-21. F-4294 Power SW. Circuit Board

Component Side

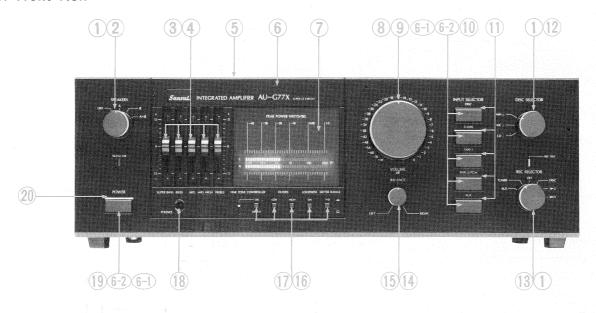


Parts List

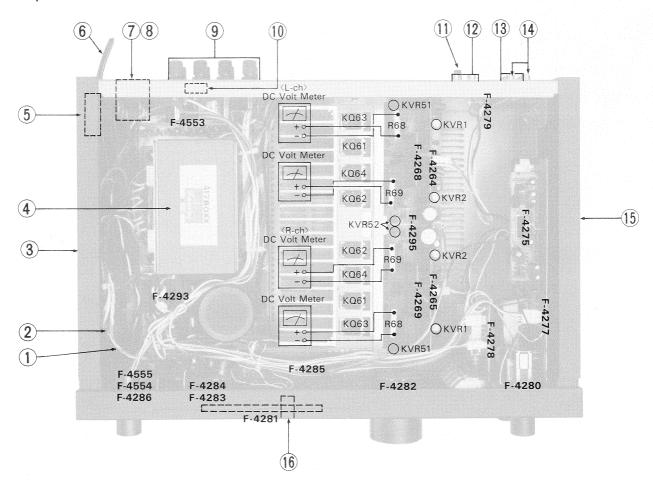
Parts No.	Stock No.	Description
⚠ pC1	46425800 or 46943200	0.01μF 400V C.C. 0.01μF 400V C.C.
1 pF1 1∆	07189000 07189400	Fuse 4.0A 250V (220/240V) (XX) Fuse 8.0A 250V (120V) (XX.UL.CSA)
<u> </u>	07185200	Fuse 3.15A 250V (EL)
Δ pS1 Δ	46546900 46364300	Push SW., POWER (XX,UL,CSA) Push SW., POWER (EU)

4. OTHER PARTS

4-1. Front View



4-2. Top View



Parts List < Front View>

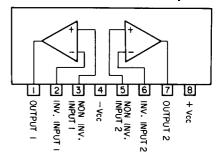
Parts No.	Stock No.	Description
1	47298100	Knob, SPEAKERS,
		DISC SELECTOR, REC SELECTOR
2	46730700	Rotary SW., SPEAKERS
2 3	47348100	Knob, TONE CONTROLLER
4	46736700	Slide VR., TONE CONTROLLER
5	47299800	Bonnet
6	47630600	Front Panel Ass'y
6-1	47324100	Knob, INPUT SELECTOR, POWER
6-2	47046700	Spring, INPUT SELECTOR Knob,
		POWER Knob
7	46705300	FL. Display Tube
8	47630300	Knob, VOLUME
9	46730800	150kΩ(B) V.R., VOLUME
10	46737000	Push SW., INPUT SELECTOR
11	46730100	Pilot Lamp 8V 0.1A
12	46731700	Rotary SW., DISC SELECTOR
13	46731600	Slide Rotary SW., REC SELECTO
14	47297700	Knob, BALANCE
15	46730900	250kΩ VR., BALANCE
16	07917300	Knob, FINE TONE CONTROLLER,
		FILTERS, LOUDNESS,
		METER RANGE
17	46736900	Push SW., FINE TONE
		CONTROLLER, FILTER,
		LOUDNESS, METER RANGE
18	46078200	Jack, PHONES
<u>‡</u> . 19	46546900	Push SW., POWER (XX,UL,CSA)
t.	46364300	Push SW., POWER (EU)
20	46834500	Pilot Lamp 8V 0.05A

Parts List < Top View >

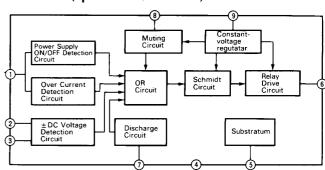
Parts No.	Stock No.	Description
1	47311300	Joint Shaft
₫. 2	07189400	Fuse 8A 250V (XX,UL,CSA)
<u> </u>	07189000	Fuse 4A 250V (XX)
<u> </u>	07185200	Fuse 3.15A 250V (EU)
3	47429000	Side Panel (L)
Å. 2 Å. Å. 3 Å. 4 Å.	150141 1 1	Power Transformer (XX)
Δ	15014112	Power Transformer (UL,CSA)
Æ.	15014115	Power Transformer (EU)
5	47157300	AC Cord Cover
<u>1</u> 6	38004700	Power Supply Cord (XX,UL)
1. 6 1. 1. 7 1. 7 1. 8	46321000	Power Supply Cord (CSA)
4	46128900	Power Supply Cord (EU)
£ 7	46730400	AC OUTLET (XX,UL,CSA)
<u> </u>	46161000	AC OUTLET (EU)
. 8	07204700	Slide SW., Voltage Selector (EU)
9	07203600	8P Terminal Board, SPEAKERS
1 10 1 10	46739400	Slide SW., SPEAKER IMPEDANCE
<u>A</u> .	46736600	(XX,EU)
نف	46736600	Slide SW., SPEAKER IMPEDANCE (UL,CSA)
11	22301510	GND Terminal
12	46736500	2P INPUT Terminal DISC, MM/MC
13	46363900	6P Terminal, TUNER, TAPE-1, TAPE-2, AUX
14	46438100	2P INPUT Terminal DISC, DA
15	47429100	Side Panel (R)
16	48073100	Pilot Lamp 8V 0.15A

5. INTERIOR BLOCK DIAGRAM OF IC

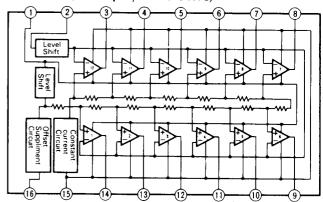
•M5218L, M5219L (Audio Pre Amp. IC)



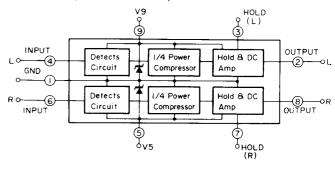
•TA7317P (Speaker Protector IC)

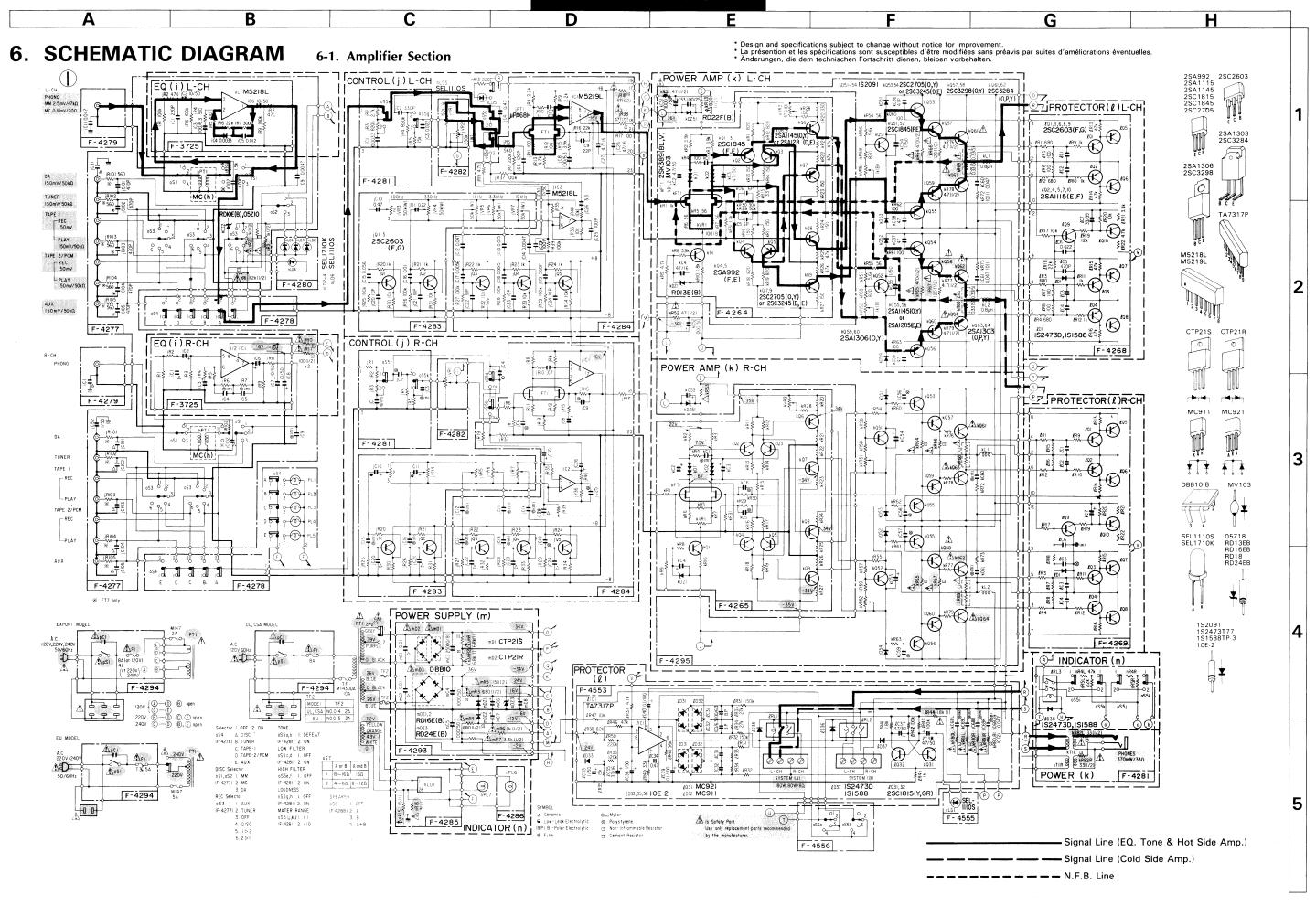


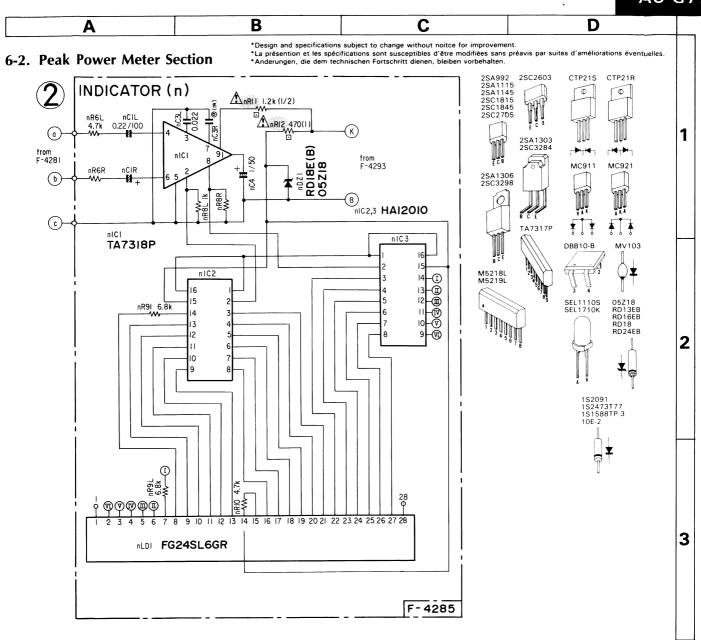
•HA12010 (FL Display Tube Drive)



•TA7318P (Meter Drive IC)

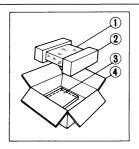






7. PACKING LIST

Parts No.	Stock No.	Description
1	47299000	Vinyl Bag
2	47287600	Styrofoam Packing
3	47607510	Styrofoam Packing (bottom)
4	47630500	Carton Case



8. ACCESSORY LIST

Stock No.	Description
46961100	Operating Instruction



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SANSUI ELECTRONICS CORPORATION

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